

Abstract

Method For Producing A Ceramic Substrate

5 The invention relates to a method for the production of a ceramic substrate,
wherein the steps of debinding and sintering are performed in direct succession without
the multi-layer substrate being cooled in between. This achieves the advantage of reducing
the risk of crack development. In an advantageous variant of the invention, a part of the
debinding is performed in an inert atmosphere, the atmosphere subsequently being
10 converted to air. In this process, the temperature is simultaneously reduced to a value
which, however, does not fall below the minimum temperature of the debinding, in order
to prevent excessively rapid oxidation of organic components of the binders and the
explosion-like discharge of CO₂.

15 Figure 1